## EAST Search History

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	515	((JOHN) near2 (OWEN)). INV.	US-PGPUB; USPAT	ADJ	ON	2010/08/31 10:47
S2	3	((KAREN) near2 (BRACE)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/08/31 10:47
83	35	(US-20080112112-\$ or US-20020172865-\$ or US-20020172865-\$ or US-20020102265-\$ or US-20020102265-\$ or US-20050104282-\$ or US-20050194035-\$ or US-2005012139-\$ or US-2005012139-\$ or US-20050155216-\$ or US-2003036001-\$ or US-2003036001-\$ or US-200303601-\$ or US-20030351-\$ or US-200505897-\$, or US-20156-\$,	US-POPUB; USPAT	ADJ	ON	2010/08/31 10:55

	***************************************	20080112112-\$ or JP- 2005353652-\$ or JP- 2008147612-\$ or JP- 2007294654-\$ or US- 20060257719-\$ or JP- 63206314-\$ or JP- 2001217162-\$).did.		***************************************	***************************************	
<b>S</b> 4	21	(JP-2001217162-\$ or JP-2002158140-\$ or JP-2002158140-\$ or JP-2008147612-\$ or JP-2008147612-\$ or JP-63206314-\$).did. or (EP-1239495-\$ or JP-2006278234-\$ or US-20080112112-\$ or JP-2005353652-\$ or JP-2008147612-\$ or JP-2007294654-\$ or US-20060257719-\$ or JP-63206314-\$ or JP-2001217162-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/08/31 10:57
S5	3	(supercapacitor or ultracapacitor or double near5 capacitor or electrochemical), ab, ti, and (titanium dioxide or titanium oxide or "TIO. sub.2") same mesoporous same5 hexagonal	US PGPUB; USPAT; EPO; JPO; DERWENT	(ADJ	ON	2010/08/31 10:59
<b>S</b> 6	5	(supercapacitor or ultracapacitor or double near5 capacitor or electrochemical), ab, ti. and (titanium dioxide or titanium oxide or "TIO. sub.2") same mesoporous and hexagonal	US PCPUB; USPAT; EPO; JPO; DERWENT	ADJ	<b>8</b>	2010/08/31 11:02
S7	478	(supercapacitor or ultracapacitor or double near5 capacitor or delectrochemical).ab,ti. and (titanium dioxide or titanium oxide or "TiO. sub.2") same (electrode or anode or active) and (lithium or Li) with electroly\$\footnote{\text{sub}}.2"	US-PCPUB; USPAT; EPO; JPO; DERWENT	ADJ	<b>8</b>	2010/08/31 11:08

S8	30	(supercapacitor or ultracapacitor or double near's capacitor or electrochemical), ab,ti, and (titanium oxide or 'TiO. sub.2") same (electrode or anode or active) and (lithium or Li) with electrolyt\$2 with hydroxide	US PCPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/08/31 11:08
89	40	(US-20090253036-\$ or US-20010012193-\$ or US-20010012193-\$ or US-20020172865-\$ or US-20050058907-\$ or US-20050058907-\$ or US-20050058907-\$ or US-2005005905-\$ or US-2005005905-\$ or US-20050057719-\$ or US-20050257719-\$ or US-20050257719-\$ or US-20050257719-\$ or US-20070261959-\$ or US-2007026505-\$ or US-20070265050-\$ or US-20070265	US-PCPUB; USPAT; DEF3WENT	ADJ	ON	2010/08/31
S11	29	S9 and ("TiO.sub.2" or	US-PGPUB;	ADJ	ON	2010/08/31
	•	titanium dioxide)	USPAT; EPO; JPO; DERWENT			11:19

S12	40	(US 20090253036-\$ or US 20010012193-\$ or US 20010012193-\$ or US 20030036001-\$ or US 20050058907-\$ or US 20050058907-\$ or US 20050058907-\$ or US 20050054282-\$ or US 2005015405-\$ or US 20070261959-\$ or US 20070261959-\$ or US 20070261959-\$ or US 20070261959-\$ or US 20070140654-\$ or US 2009014062-\$ or US 3009014062-\$ or US 3009014062-\$ or US 3009014062-\$ or US 3009014062-\$ or US 300901505-\$ or US 30090000000000000000000000000000000000	US-PCP-UB; USPAT; DEF-WENT	ADJ	ON	2010/10/04 09:04
S13	13	20040018430-\$).did. S12 and pore near4 (size or diameter)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 09:04
S14	6	S12 and pore near4 (density)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 09:05
S15	5	S13 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 09:05
S16	16	S12 and ((nickel or ni) near4 oxide or NiO)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 09:12

S19	450	(supercapacitor or ultracapacitor or double near5 capacitor or electrochemical).ab,ti. and electrolyt\$2 same (lithium or Li) with (OH or hydroxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	MADJ	ON	2010/10/04 09:47
S20	5	S19 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 09:48
S21	45	(supercapacitor or ultracapacitor or double near5 capacitor or electrochemical), ab,ti. and electrolyt\$2 same (lithium or Li) with (OH or hydroxide) and (TiO or "TiO.sub.2" or titanium dioxide or lithium titanate or "Li. sub.4Ti.sub.5O.sub.12") same2 (electrode or anode or cathode or active)	US-PGPUB; USPAT; EPO; JPO; DEFWENT	ADJ	ON	2010/10/04 09:56
\$22	2	(supercapacitor or ultracapacitor or double near5 capacitor). ab,ti. and electrolyt\$2 same ((lithium or Li) with (OH or hydroxide) or LiOH) and (TiO or "TiO.sub.2" or titanium dioxide or lithium titanate or "Li. sub.4Ti.sub.5O.sub.12") same2 (electrode or anode or cathode or active)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 10:06
S24	62	(electrochemical).ab,ti. and electrolyts2 same ((lithium or Li) with (OH or hydroxide) or LiOH) and (TiO or "TiO.sub.2" or titanium dioxide or lithium titanate or "Li. sub.4Ti.sub.5O.sub.12") same2 (electrode or anode or cathode or active)	US PCPUB; USPAT; EPO; JPO; DEPWENT	ADJ	ON	2010/10/04 10:35

S25	2	(supercapacitor or ultracapacitor or double near5 capacitor).ab,ti. and electrolyt\$2 same ((lithium or Li) with (OH or hydroxide) or LiOH) and (TiO or "TiO.sub.2" or titanium dioxide or lithium titanate or "Li sub.4.Ti.sub.5O.sub.12")	US PCPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/05 07:10
S26	4	(supercapacitor or ultracapacitor or double near5 capacitor). ab,ti. and (electrolyt\$2 or salt) same ((lithium or Li) with (OH or hydroxide) or LIOH) and (TiO or "TiO.sub.2" or titanium dioxide or lithium titanate or "Li.sub.4Ti. sub.50.sub.12")	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/05 07:10
S27	244	(electrochemical or battery).ab,ti. and electrolyt\$2 same ((lithium or Li) with (OH or hydroxide) or LiOH) and (TiO or "TiO.sub.2" or titanium dioxide or lithium titanate or "Li. sub.4Ti.sub.5O.sub.12")	US PCPUB; USPAT; EPC; JPO; DERWENT	ADJ	NOC	2010/10/05 07:12
S28	31	(supercapacitor or ultracapacitor or double near5 capacitor) and (electrolyt\$2 or salt) same ((lithium or Li) with (OH or hydroxide) or LIOH) and (TIO or "TIO.sub.2" or titanium dioxide or lithium titanate or "Li.sub.4Ti. sub.50.sub.12")	US-PCPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/05 07:37

S29	45	(US-20090253036-\$ or	US-PGPUB;	ADJ	ON	2010/10/07
		US-20010012193-\$ or	USPAT;			10:26
		US-20020172865-\$ or	DERWENT			
		US-20030036001-\$ or				
		US-20050058907-\$ or				
	•	US-20050064282-\$ or				
	•	US-20050155216-\$ or				
		US-20050194035-\$ or				
		US-20060063051-\$ or				
	-	US-20060240979-\$ or US-20060257719-\$ or				
		US-20060263687-\$ or				
		US-20070081938-\$ or				
		US-20070081936-\$ or				
		US-20070261959-\$ or				
		US-20070281854-\$ or				
		US-20080112112-\$ or				
		US-20090014062-\$ or				
		US-20040016646-\$ or		***		
		US-20040131934-\$ or		-		
		US-20070042271-\$).did.		-		
		or (US-4090933-\$ or US-				
		4422917-\$ or US-			i	
		4876631-\$ or US-				
		5126218-\$ or US-				
		5919588-\$ or US-				
		5953204-\$ or US-				
		6094338-\$ or US-			i	
		6346348-\$ or US-				
		6379843-\$ or US-				
		6475670-\$ or US-				
	1	6500575-\$ or US-				
	1	6525923-\$ or US-			i	
		7091156-\$ or US-				
		7211350-\$ or US-				
		7368202-\$ or US- 7623340-\$ or US-				
	1	7579112-\$ or US-				
		6620550-\$ or US-				
		4728586-\$ or US-				
		6177213-\$ or US-				
		5963417-\$ or US-				
	1	7541114-\$).did. or (WO-				
		2005101548-\$ or US-				
		20040018430-\$).did.		•		
S30	12	S29 and aqueous and	US-PGPUB;	ADJ	ON	2010/10/07
		(liOH or (lithium or Li)	USPAT; EPO;			10:26
	-	near3 (hydroxide or OH))				

S35	52	(supercapacitor or ultracapacitor or double near5 capacitor or electrochemical near4 (capacitor or cell or device)).ab,ti. and (pore or \$6porous) with (hexagon\$8 or cubic) and (electrode or active) with oxide	US PGPUB; USPAT; EPO; JPO; DEHWENT	ADJ	000	2010/10/07 10:41
836	35	(US-20080112112-\$ or US-20020172865-\$ or US-20020172865-\$ or US-20020102205-\$ or US-20050064282-\$ or US-20050064282-\$ or US-200500142193-\$ or US-200500142193-\$ or US-20050155216-\$ or US-200500155216-\$ or US-200500155216-\$ or US-20050014062-\$ or US-20050058907-\$) or US-20050058907-\$) or US-20050058907-\$) or US-2005058907-\$) or US-2005058907-\$) or US-2005058907-\$) or US-2005058907-\$) or US-2005058907-\$) or US-2005079-\$ or US-20050579-\$ or US-20050579-\$ or US-20050579-\$ or US-20050579-\$ or US-20050579-\$ or US-20050579-\$ or US-200155140-\$ or US-200155140-\$ or US-200933-\$ or US-200933-\$ or US-2002155140-\$ or US-200155140-\$ or US-200155140-\$ or US-200155140-\$ or US-2002155140-\$ or US-2	US PGPUB; USPAT	ADJ	ON	2010/10/07

		2008147612-\$ or JP- 2007294654-\$ or US- 20060257719-\$ or JP- 63206314-\$ or JP- 2001217162-\$).did.		***************************************	***************************************	***************************************
\$39	21	(JP.2001217162-\$ or JP-2002158140-\$ or JP-2002158140-\$ or JP-2008147612-\$ or JP-2008147612-\$ or JP-63266314-\$).did. or (EP-1239495-\$ or JP-2006278234-\$ or US-20080112112-\$ or JP-2005353652-\$ or JP-2007294654-\$ or US-2008012714-\$ or JP-63266314-\$ or JP-2007294654-\$ or JP-2001217162-\$).did.	US-PCPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 14:55
S42	18	(supercapacitor or ultracapacitor or double near5 capacitor or electrochemical near4 (capacitor or cell or device)).ab,ti. and mesoporous with density	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 15:08
S45	55	(supercapacitor or ultracapacitor or double near5 capacitor or deluctrochemical near4 (capacitor or cell or device)).ab,ti. and (active or electrode) with (lithium titnante or Li4TiSO12 or "Li.sub.4Ti. sub.5"0.ab,t.2" or "Li.sub.4" near "Ti.sub.5" near "O.sub.12") and (lithium titnante or Li4TiSO12 or "Li.sub.4Ti. sub.5"0.ab,t.2" or "Li.sub.4" near "Ti.sub.5" near "O.sub.12") with advantag\$65	US PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/07

S46	63	(supercapacitor or ultracapacitor or outleacapacitor or double near5 capacitor or electrochemical near4 (capacitor or cell or device)).ab,ti. and (active or electrode) with (lithium titanate or Li4TisO12 or "Li. sub.4Ti. sub.50.sub.12" or "Li. sub.5" near "Ci.sub.5" with (anode or positive)	US-PCPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 15:29
S49	207	(supercapacitor or ultracapacitor or double near5 capacitor or electrochemical near4 (capacitor or cell or device)).ab,ti. and (active or electrode) same (lithium titanate or Li4Ti5O12 or "Li.sub.4Ti.sub.5O.sub.12" or "Li	US-PCPUB; USPAT; EPO; JPO; DERWENT	ADJ	OS	2010/10/07 15:35
S50	13	(supercapacitor or double near5 capacitor or double near5 capacitor or electrochemical near4 (capacitor or cell or device)). ab,ti. and (active or electrode) same (lithium titanate or Li4Ti5O12 or "Li.sub.4Ti. sub.5Q.ub.12" or "Li. sub.4" near "Ti.sub.5" near "O.sub.12") with add\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 15:35
S51	37	(S36 or S39) and (titanium near2 (dioxide) or "TiO.sub.2" or "Li. sub.4Ti.sub.5O.sub.12" or lithium titanate or Li4Ti5O12)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 15:45
S53	44	(supercapacitor or ultracapacitor or double near5 capacitor).ab,ti. and ("Li.sub.4Ti.sub.5O. sub.12" or lithium titanate or Li4Ti5O12)	US-PCPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 16:04
S54	1470	361/502.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 16:04

S65	182	(supercapacitor or ultracapacitor or double near5 capacitor or electrochemical near4 (capacitor or cell or device)).ab,ti. and (porous or pore) with density and pore with (size or diameter) with (nm or nanometer or angstrom)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 16:13
S56	31	(supercapacitor or ultracapacitor or double near5 capacitor or delectrochemical near4 (capacitor or cell or device)). Ab, ti. and (porous or pore) with density and pore with (size or diameter) with (nm or nanometer or angstrom) and (lithium titanate or Li4TisO12 or "Li.sub.4" near "Ti.sub.5" near "O. sub.12" or TiO2 or "TiO. sub.2" or titanium dioxide)	US PCPUB; USPAT; EPO; JPO; DEFWENT	ADJ	ON	2010/10/07
867	30	(supercapacitor or ultracapacitor or double near5 capacitor or electrochemical near4 (capacitor or cell or device)).ab,ti. and (porous or pore) with density and pore with (size or diameter) with (mm or nanometer or angstrom) with ("1" or "2" or "3" or "4" or "5" or "6" or "7" or "8" or "9" or "10") and (lithium titanate or Li4Ti5O12 or "Li.sub.4".sub.5" near "Ti.sub.5" near "O. sub.12" or TiO2 or "TiO. sub.2" or Tido2 or "TiO. sub.2" or Titanium dioxide)	US-PGPUE; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/07 16:16
S58	1	("20040202934").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/07 16:54

S60	8	(supercapacitor or ultracapacitor or double near5 capacitor or electrochemical near4 (capacitor or cell or device)). ab,ti. and (porous or pore) with density and pore with (size or diameter) with (nm or nanometer or angstrom) with uniform \$\$6\$	ius Popub; uspat; epo; JPO; defiment	MADJ	ON	2010/10/07 17:07
S61	16	(supercapacitor or ultracapacitor or double near5 capacitor or electrochemical near4 (capacitor or cell or device).ab,ti. and pore with (size or diameter) with (nm or nanometer or angstrom) with uniform\$6	US-PCPUB; USPAT; EPO; JPO; DEPWENT	, MADJ	, <u>OX</u>	2010/10/07 17:09
\$62	68	(supercapacitor or ultracapacitor or double near's capacitor or electrochemical near4 (capacitor or cell or device)).ab,ti. and pore with (size or diameter) with (nm or nanometer or angstrom) and (lithium titanate or Li4Ti5O12 or "Li.sub.4Ti.sub.5O.sub.12" or "Li.sub.4Ti.sub.5O.sub.12" or "Li.sub.4Ti.riO.sub.12" or "TiO.sub.2" or "TiO.sub.2" or "TiO.sub.2" or "TiO.sub.2" or titanium dioxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON .	2010/10/08 08:42
S63	4	(supercapacitor or ultracapacitor or double near5 capacitor or electrochemical near4 (capacitor or cell or device)). Ab, bi. and pore with (density) with ("cm. sup.2" or "cm.sup.2") and (lithium titanate or Li4Ti5O12 or "Li.sub.4Ti. sub.5O. sub.12" or "Li. sub.5" near "O.sub.12" or TiO2 or "TiO.sub.2" or titanium dioxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/08 08:44

S64	22	(supercapacitor or ultracapacitor or double near5 capacitor or electrochemical near4 (capacitor or cell or device)).ab,ti. and pore with (density) with ("cm. sup.2" or "cm.sup2")	US-PGPUB; USPAT; EPO; JPO; DERWENT	MADJ	orionia de la compania del compania de la compania del compania de la compania del la compania de la compania d	2010/10/08 08:45
S65	66	(supercapacitor or ultracapacitor or double near5 capacitor or electrochemical near4 (capacitor or cell or device)) and pore with (density) with ("cm. sup.2" or "cm.sup2") same (active or electrode)	US POPUB; USPAT; EPO; JPO; DERWENT	ADJ	SON	2010/10/08 08:48
S66	2	(supercapacitor or ultracapacitor or double near's capacitor or electrochemical near4 (capacitor or ellectrochemical near4 (capacitor or cell or device)). ab,ti. and pore with (size or diameter) with (nm or nanometer or angstrom) with (lithium titanate or Li4Ti5O12 or "Li.sub.4Ti. sub.5O.sub.12" or "Li.sub.4" near "O.sub.12" or TiO.sub.2" or tiTiO.sub.2" or titanium dioxide)	US PGPUB; USPAT; EPO; JPO; DERWENT	MADJ	ON	2010/10/08 08:48
S67	8	(supercapacitor or ultracapacitor or double near5 capacitor or double near5 capacitor or electrochemical near4 (capacitor or cell or device)).ab,ti. and pore with (size or diameter) with (nm or nanometer or angstrom) same (lithium titanate or Li4Ti5O12 or "Li.sub.4Ti. sub.50.sub.12" or "Li.sub.4" near "Ti.sub.5" near "O.sub.12" or TiO2 or "TiO3ub.2" or titanium dioxide)	US PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/08 08:49

S68	2	(supercapacitor or ultracapacitor or double near's capacitor or delectrochemical near4 (capacitor or cell or device)) and pore with (density) with ("cm. sup.2" or "cm.sup.2") with ("10.sup.11" or "10.sup.12" or "10.sup.13") same (active or electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/08 08:52
S69	16	(supercapacitor or ultracapacitor or double near's capacitor or electrochemical near4 (capacitor or cell or device)) and pore with (density) with ("cm. sup.2" o "cm. sup.2") with ("10. sup.1" or "10. sup.11" or "10. sup.12" or "10. sup.13")	US-PCPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/08 08:53
S71	57	(supercapacitor or ultracapacitor or double near5 capacitor).ab,ti. and (TiO2 or "TiO.sub.2" or titanium near3 dioxide) same (active or electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2010/10/08 09:35
S72	3	(("6203925") or ("20030017104") or ("6645673")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/10/08 10:02

## EAST Search History (Interference)

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## 10/8/2010 10:12:20 AM

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